

HUNSLET  
RURAL DISTRICT COUNCIL.

---

THIRTY-SEVENTH  
**Annual Report**  
OF  
The Medical Officer of Health,  
JOSEPH BUCK, M.D., D.P.H.

---

1911.

---

LEEDS :  
KNIGHT & FORSTER, LTD , Printers, Water Lane.

1912.



Digitized by the Internet Archive  
in 2017 with funding from  
Wellcome Library

<https://archive.org/details/b29442102>

# HUNSLET RURAL DISTRICT COUNCIL.

---

## THIRTY-SEVENTH Annual Report, 1911.

---

*To the Chairman and Members of the  
Hunslet Rural District Council.*

Gentlemen,

I have the honour to submit for your consideration my Annual Report for the year 1911. The statistics are based upon the new Census Returns, and in addition to the Statistical Tables of the Local Government Board, Home Office, and County Council, the Report for the year of the Sanitary Inspector, Mr. Whitehead, is appended.

**THE HUNSLET RURAL DISTRICT**, comprising the parishes of Oulton-cum-Woodlesford, Templenewsam, Thorpe Stapleton, and Middleton, covers an area (exclusive of water) of 6,332 acres, and has a population, as estimated at last Census, of 7,786. Its natural formation consists chiefly of clay in Temple-newsam and Middleton, and of stoney gravel (shale) underlying stone in Oulton-cum-Woodlesford.

The chief occupations of the inhabitants are coal mining, agriculture, stone quarrying, and brick making, with a few houses of a residential nature.

The tendency of the district is to become more urban than rural every year, owing to the increasing mining operations, and the people on the whole are well housed.

**CENSUS RETURNS, 1911.**

	<i>Population</i> 1911	<i>Population</i> 1901	<i>Increase</i>
Oulton-cum-Woodlesford ..		3003	
Templenewsam .. ..		2439	
Middleton .. ..		1268	
Thorpe Stapleton .. ..		20	
	7786	6730	1056

**BIRTHS.**—There have been registered in the whole district 197 births—98 males and 99 females ; two births were transferred from outside to this district, making a total of 199. Of these 197, Oulton-cum-Woodlesford contributed 98, Templenewsam with Thorpe Stapleton 71, and Middleton 28. Estimating the population to Midsummer, 1911, at 7,812, this gives a **Birth-rate** of 25·47 per thousand of the inhabitants, against 27·96 for 1910, and 28·90 for the quinquennium 1906-1910. The birth-rate for England and Wales for 1911 is 24·4. Ten illegitimate births are included in the above. The birth-rate is lower than in the preceding year, but is above the average for the country.

**DEATHS.**—During the corresponding period there have been registered in the whole district 85 deaths—45 males and 40 females. Of these, Oulton-cum-Woodlesford contributed 44, Templenewsam and Thorpe Stapleton 25, and Middleton 16. Five deaths (not included in the above) occurred in persons said to belong to the district, but dying in institutions outside, viz., 3 in Leeds General Infirmary and 2 in Hunslet Union Infirmary.

Exclusive of these 5 deaths, the gross (non-corrected) **death-rate** for the whole district is 10·88 ; inclusive of these, the **nett death-rate** is 11·52, that of 1910 being 12·88, for the quinquennium 1906-1910, 14·76, and for England and Wales in 1911, 14·6.

The crude death-rate for 1911 in this district, viz., 10·88, is the lowest in my experience.

**SUMMARY OF AGES AT DEATH :—**

Deaths under 1 year	=	26	} 36 under 5 years.
„ over 1 „ and under 5	=	10	
„ „ 5 years „ 15	=	7	} 54 over 5 years.
„ „ 15 „ „ 25	=	6	
„ „ 25 „ „ 65	=	22	
„ „ 65 „ and upwards	=	19	
Total		90	

**CAUSES OF DEATH.—**

Enteric Fever	..	..	..	..	1
Whooping Cough	..	..	..	..	2
Influenza	..	..	..	..	1
Dysentery	..	..	..	..	1
Phthisis (Pulmonary Tuberculosis)	..	..	..	..	4
Tuberculous Meningitis	..	..	..	..	1
Other Tuberculous Diseases	..	..	..	..	3
Cancer	..	..	..	..	4
Bronchitis	..	..	..	..	7
Broncho-Pneumonia	..	..	..	..	4
Pneumonia	..	..	..	..	4
Other Respiratory Diseases	..	..	..	..	2
Diarrhoea and Enteritis	..	..	..	..	9
Accidents and Diseases of Parturition	..	..	..	..	2
Congenital Debility and Premature Birth	..	..	..	..	6
Violent Deaths (excluding Suicide)	..	..	..	..	6
All other causes	..	..	..	..	33
Total					90

**INFANT MORTALITY.**—There were registered 26 deaths in children under 1 year of age, being at the rate of 130 per thousand births registered, that for 1910 being 68, and for the quinquennium 1906-1910, 98. The **Infantile death-rate** is the same as that for England and Wales in 1911, viz., 130.

One regrets to have to record a considerable increase in the infantile death-rate, but this increase is universal throughout the country, owing to the hot dry summer—climatic conditions—and not to any insanitary conditions or excess of epidemic disease in the district.



The causes of death were :—

Whooping Cough	..	..	..	..	1
Diarrhoea and Enteritis	..	..	..	..	7
Premature Birth	..	..	..	..	5
Atrophy, Marasmus, and Injury at Birth	..	..	..	..	3
Meningitis	..	..	..	..	2
Convulsions	..	..	..	..	2
Gastritis	..	..	..	..	1
Bronchitis and Pneumonia	..	..	..	..	4
Other causes	..	..	..	..	1
					—
Total					26

There were 3 deaths in illegitimate children. The presence of privy middens in any locality is an important factor in the dissemination of disease amongst infants, especially in hot weather, and I anticipate steady progress in the abolition of these abominations. Premature birth and congenital debility are also important factors in the infant mortality rate, conditions over which we have little or no control.

**ZYMOTIC DISEASES.**—There were 12 deaths from the principal epidemic diseases :—Whooping Cough 2, Enteric Fever 1, and Diarrhoea 9. The **Zymotic death-rate** is 1·54 per thousand of the population, that of 1910 being ·54, and that of England and Wales for 1911, 1·88. It will again be seen that epidemic Diarrhoea, which was so prevalent during the summer, is almost entirely responsible for the increased rate, which will be found to be universal throughout the country. There were no deaths registered from Measles, Diphtheria, or Scarlet Fever, and the single case of Enteric was imported direct from another district.

### VITAL STATISTICS FOR 1911.

1911	Hunslet R.D.C.	England and Wales
Birth-rate .. .. .	25·47	24·4*
Death-rate .. .. .	11·52	14·6
Zymotic death-rate .. .. .	1·54	1·88
Infantile Mortality .. .. .	130	130
(Per 1,000 Births)		

\* Lowest on record.

**NOTIFICATION OF INFECTIOUS DISEASES.**—There were 24 cases of Infectious Diseases notified, against 52 for the preceding year, and included in these are 5 cases of Pulmonary Tuberculosis—1 under the 1908 regulations and 4 voluntary.

Of the total number of cases notified, Oulton-cum-Woodlesford contributed 13,—1 Diphtheria, 4 Erysipelas, 3 Scarlet Fever, 1 Enteric Fever, and 4 Pulmonary Phthisis; Templenewsam with Thorpe Stapleton, 9—3 Diphtheria, 2 Erysipelas, 2 Scarlet Fever, 1 Enteric Fever, 1 Pulmonary Phthisis; Middleton, 2—both Scarlet Fever.

Including the Phthisis cases, the number of cases of notified Infectious Diseases is the lowest for the last ten years.

**SCARLET FEVER.**—There were 7 cases notified against 31 in 1910. Of these, 3 occurred in Oulton-cum-Woodlesford, 2 in Templenewsam, and 2 in Middleton. Five cases were removed to Hospital. There were no deaths registered. The comparative absence of this disease throughout the district in face of the marked prevalency in surrounding districts is a matter for congratulation.

**DIPHTHERIA.**—Four cases were notified—1 in Oulton-cum-Woodlesford and 3 in Templenewsam and Thorpe Stapleton—2 of which were removed to hospital. No deaths were registered. In accordance with the Local Government Board Order of 1910, Antitoxin is supplied gratis on application from Registered Medical Practitioners.

**ENTERIC FEVER.**—Two cases were notified—1 from Oulton-cum-Woodlesford and 1 from Templenewsam; the former case was imported into the district by a visitor and proved fatal. The continued comparative immunity of the district from this disease is one of the prominent results of a wholesome water supply and improved sanitary conditions generally.

**MEASLES AND WHOOPING COUGH.**—There has been no marked epidemic of measles during the year, though it has been prevalent more or less throughout the district. There have been no deaths registered.

Whooping Cough assumed an epidemic form in all the parishes, and 2 deaths were registered from this cause. Mumps were also

epidemic in Templenewsam and Oulton-cum-Woodlesford, and the Infant Department of the Halton Schools was closed in consequence by order of the West Riding Educational Authority.

**ERYSIPELAS.**—Six cases were notified—4 in Oulton-cum-Woodlesford and 2 in Templenewsam. The cases presented no special features, and no deaths were registered.

**DIARRHŒA.**—There were 9 deaths registered from this cause, 7 of which were in infants under 12 months old. The increased number of deaths as compared with previous years is, no doubt, due to the hot, dry summer, and the increased infantile death-rate throughout the country is principally due to this factor.

**TUBERCULOSIS.**—Four deaths were registered from Pulmonary Tuberculosis (Phthisis) and 4 from other Tuberculous diseases. Of these, 3 occurred in Oulton-cum-Woodlesford, 4 in Templenewsam and Thorpe Stapleton, and 1 in Middleton. The death-rate per thousand from Phthisis is  $\cdot 52$ , against  $1\cdot 24$  for 1910. This rate is considerably below the average. One case of Phthisis was notified under the Tuberculosis Regulations of 1908, and 4 voluntarily. The Tuberculosis Regulations of 1911, making the notification of Phthisis compulsory, should prove an important factor in combatting this disease, especially if backed up by other benefits, such as inspection of homes, disinfection, and distribution of advice, all of which are carried out by the Council's officials. Another important step in this matter has been the erection during the year of a small, inexpensive Sanatorium for Phthisis cases at the Conjoint Isolation Hospital, situated at Rothwell, to accommodate 8 cases, which is to be opened at an early date in 1912. I look upon all these methods as preventive rather than curative, and on prevention, by the segregation and education of infected persons, we should concentrate most of our efforts.

**CANCER.**—Four deaths were registered from malignant disease—2 of which occurred in Oulton-cum-Woodlesford, and 2 in Templenewsam. The death-rate is  $\cdot 51$  per thousand, against 1 for 1910, and is considerably below the average.

**DISEASES OF THE RESPIRATORY ORGANS.**—Seventeen deaths were registered from Bronchitis, Pneumonia, and other diseases of the respiratory organs, being at the rate of  $2\cdot 1$  per thousand, the same rate as in 1910.



**INQUESTS.**—Nine inquests were held by the West Riding Coroner—5 in Oulton-cum-Woodlesford; 2 in Templenewsam, and 2 in Middleton. Of these, 2 were due to mining accidents, 1 to drowning, 3 to other accidents, and 3 to natural causes.

**INFECTIOUS DISEASES HOSPITAL.**—Of the infectious diseases available for removal, there were notified 4 cases of Diphtheria, 7 of Scarlet Fever, and 2 of Enteric Fever. Of these, 2 cases of Diphtheria and 5 of Scarlet Fever were removed to hospital, *i.e.*, 53 per cent. The marked decrease in the number of infectious diseases notified accounts for the reduced percentage of removals. There were no deaths in the hospital belonging to this district.

### **INFECTIOUS DISEASES NOTIFIED DURING THE LAST TEN YEARS.**

	1902	1903	1904*	1905	1906	1907	1908	1909	1910	1911
Scarlet Fever ..	31	62	15	44	75	37	12	31	31	7
Enteric Fever ..	8	9	4	1	1	3	5	3	7	2
Diphtheria ..	20	2	1	1	4	3	6	8	3	4

\* Hospital open.

The special feature of 1911 is the marked reduction in the Scarlet Fever number.

**WATER SUPPLY.**—The whole district, with the exception of one or two isolated houses, has an ample supply of wholesome water. There has been some little doubt as to the plumbo-solvent action of the Middleton supply, which is under investigation. Three mains (602 yards) have been laid in Oulton-cum-Woodlesford, and 92 yards in Templenewsam.

**RIVER POLLUTION.**—Some complaint was made early in the year of the pollution of Oulton Beck higher up the stream in another district. The matter was brought to the notice of the parties concerned, and an improvement established, though there is still evidence of contamination occasionally. The river Aire, flowing through the district, continues to emit its noxious vapours, particularly during the summer months.

**MILK SUPPLY, AND OTHER FOODS.**—There are 38 cow-keepers in the district, 18 of whom sell milk, and 3 resident purveyors. One hundred and fifty-eight inspections of cowsheds were made, and the general condition was found good as regards structure, though in the matter of cleanliness, there is still much room for

improvement. No veterinary inspection has been deemed necessary during the year for any particular case, though I am still in favour of systematic inspection of the whole district.

There has been no complaint from without under the City Milk Clauses.

Nineteen samples of milk were taken, 17 of which were found satisfactory, and 2 not quite satisfactory, but not sufficiently below standard to warrant any action.

No other samples of food were taken under the Food and Drugs Acts, and more activity in this direction is desirable.

There have been no legal proceedings necessary under the D. C. M. orders.

There are 9 **Slaughter-houses** in the district, and these have been regularly inspected. The condition is as satisfactory as the kind will permit, but I trust that the time is not far distant when all private slaughter-houses will be abolished, and public abattoirs established, for in no other way can we obtain satisfactory control over the meat supply.

The Inspector continues to attend regularly the Whitkirk Cattle Sales, with a view to the supervision of suspicious animals.

**DRAINAGE AND SEWERAGE.**—The drainage of Belle-Isle is now an accomplished fact. New outfall works have been put down, 427 yards of new sewers have been laid, and the houses connected, all being in satisfactory working order.

Steps have been taken during the year to improve the method of treatment of the Sewage at the bottom of Halton Hill, by the substitution of pumping apparatus to convey the effluent on to the works in place of the old method of discharging it direct on to the land and thus polluting the stream.

Three sink wastes have been disconnected, and 37 have been trapped.

**CLOSET ACCOMMODATION.**—There are 742 water-closets, 1 waste W.C., 599 privies with covered middens, 38 privies with open middens, and 12 pail or tub closets in the district. All new houses erected have been supplied with water-closets—29. Eleven water-closets and 5 other have been re-constructed, and 2 additional

closets have been newly constructed for old property. It will thus be seen that water-closets are slowly but surely being substituted for privy middens, which are, under any circumstances, a nuisance, especially under certain climatic conditions.

**SCAVENGING** of the district is undertaken by the Council's staff in Oulton-cum-Woodlesford, Templenewsam, and Thorpe Stapleton, and by contractor in Middleton. It is done in a satisfactory manner, but the presence of tips in proximity to rapidly-developing districts is likely to become, sooner or later, a nuisance, and the provision of destructors is a question which will have to be considered at no distant date.

The habit of throwing paper, garbage, and other refuse, which ought to be burnt, into the ashes-pits and dust-bins is a nuisance in the district, and more stringent steps should be taken with a view to its discontinuance.

The making-up of private streets should be continued, as progress in this direction does much to improve the general sanitation of the district.

**NUISANCE INSPECTION.**—The total number of inspections made was 2,315. Informal notices were served to the number of 85, of which 67 were complied with, and 37 statutory notices were served, of which 27 were complied with.

There were 162 nuisances reported during 1911 (inclusive of 48 in hand from 1910). Of these, 121 have been abated, with 41 in hand.

Legal proceedings were necessary in one case only.

Eleven smoke observations were made during the year.

Thirty-three **Canal-boats** were inspected and found satisfactory.

There are no offensive trades in the district, unless 4 fried fish shops be included ; these have been inspected and found satisfactory.

**SCHOOLS.**—Twenty-two inspections were made, and no action on the part of the Council was deemed necessary. Any information or suggestion from the Medical Inspectors of the West Riding County Council is appreciated, and every effort is made to work in harmony with them.



## **ADOPTIVE ACTS, BYELAWS, AND REGULATIONS.—**

Particulars as to these are given in tabulated form in Table C, appended.

Specimens for **Bacteriological Examination** have been sent to the West Riding County Laboratory throughout the year as occasion arose, and this valuable aid in the detection and corroboration of disease is much appreciated.

**HOUSING, TOWN-PLANNING, ETC., ACT, 1909.**—The Housing Regulations (1910) under this Act were put into force early in the year.

The Clerk has compiled a register of all dwelling-houses in the district, the rateable value of which does not exceed £16, and such register is returned from time to time for revision.

The Medical Officer of Health has organized a systematic House-to-house Inspection in the district, on the card-index system, whereby records of such inspection, observations thereon, and subsequent action and results have been carefully entered up. Such records have been submitted to the Council monthly. The inspections have been carried out by the Inspector designated by the Council, who acts under my direction and supervision, and whenever any defect has been found, each house has been personally inspected by myself, and the necessary action recorded.

The parish of Middleton has been the seat of inspection during the year, and the following is a summary of work done :—

### **Summary of Work under Housing Regulations, 1910.**

No. of houses inspected	(a) Statutory (House-to-house)	70	} 192
„ „	(b) Other house inspections	122	
No. of Notices served as result	.. .. .	.. .. .	67
„ Houses unfit for habitation	.. .. .	.. .. .	4
„ Dealt with by Closing Order	.. .. .	.. .. .	4
„ Legal proceedings	.. .. .	.. .. .	nil
„ Houses rendered fit for habitation	.. .. .	.. .. .	1

### **Of the 70 houses under Statutory Inspection :—**

Through houses	.. .. .	.. .. .	23
Non-through houses	.. .. .	.. .. .	45
Back-to-back houses	.. .. .	.. .. .	2



**Closet Accommodation :—**

Privies (17 with open ashpits, 27 with covered)	..	..	44
Earth Closets	..	..	5
Cesspool privies	..	..	2
Water-closets	..	..	7
		—	
Total	..	58	

**Drainage :—**

Houses draining into Cesspools	..	..	34
„ „ Land dykes	..	..	7
„ „ Woodlands	..	..	9
„ „ Streams	..	..	2
„ „ Disused mine shaft	..	..	1
„ „ Sewers	..	..	17
		—	
Total	..	70	
Houses with trapped syphon sink pipes discharging on to gully grates	..	..	69
Houses with trapped syphon sink pipes discharging direct to drains	..	..	1
		—	
Total	..	70	

**Nuisances (or likely to be) :—**

Open ashpits	..	..	17
Insufficient privy accommodation	..	..	1
Excessively damp wall in cellar	..	..	1
Defective privy with open ashpit	..	..	1
Leaking privy with open ashpit	..	..	1
Cesspool privies	..	..	2
Overcrowding cases	..	..	2
		—	
Total	..	25	

Of the 70 inspected houses, 20 have been considered by the Council, and the necessary notices have been served with the following result :—

One overcrowding case has been abated.

Three privies with open ashpits have been re-constructed.

Two cesspools replaced by new privies.

Building without eaves spout has been spouted and connected to drain.

In connection with the 4 houses unfit for habitation, 1 was rendered habitable, and six months from August was given to the owner to deal with the remaining three.

A Town-planning scheme for part of Templenewsam has been proposed.

Twenty-nine new houses (through terrace and semi-detached) have been built during the year, and though there is some scarcity of houses in Oulton-cum-Woodlesford, owing to mining developments, some activity in house-building has taken place and is prospective in order to meet the increased demand.

There are no cellar dwellings in the district.

### **SUMMARY OF STATISTICS, Sanitary Requirements, and Suggestions :—**

- (A.)—Death-rate for whole district, 11·52 (Oulton-cum-Woodlesford, 13·62, Templenewsam with Thorpe Stapleton, 8·24, Middleton, 14·92).
- (B.)—Birth-rate for whole district, 25·47.
- (C.)—Infant Mortality-rate, 130 per thousand births registered.
- (D.)—Zymotic Death-rate, 1·54 per thousand of the population.
- (E.)—Tuberculosis (Phthisis) Death-rate, ·54 per thousand of the population.
- (F.)—More activity under Food and Drugs Act.
- (G.)—Provision of some shelter for inhabitants of infected houses during disinfection.
- (H.)—The abolition of privy middens and substitution of water-closets wherever practicable.
- (I.)—The substitution of public abattoirs for private slaughter-houses.
- (J.)—The treatment of refuse by Destructor in place of " Tips."

### **FACTORY AND WORKSHOPS ACT, 1891.**

The duties imposed upon District Councils are thus classified :—

- (a)—**Registration of Workshops.**—There are 59 workshops on the register, of which 18 are classified as factories and 41 as workshops.
- (b)—**Sanitation.**—One hundred and fifteen inspections were made, of which 45 were to factories and 70 to workshops. They were all found satisfactory as regards cleanliness, air space, ventilation, and drainage, with 2 exceptions—in one there

was want of cleanliness and the other defective W.C. accommodation ; the former was remedied and the latter is in hand.

- (c)—**Special Sanitary Provision for Bakehouses.**—There are no underground bakehouses in the district, and only one workshop bakehouse. There are 14 domestic bakehouses kept by petty shopkeepers. They have all been inspected as to closet accommodation, home washing, and sleeping places.
- (d)—**Safety from Fire.**—In this district there are no factories or workshops which have 40 persons working at the same time in any single room ; all in which are employed more than 40 persons have been erected prior to 1892, and there are sufficient means of escape in case of fire.
- (e)—**Homework of certain kinds.**—There are no factories or workshops giving out homework in the district.
- (f)—**Abstract of the Act** is affixed according to Section 133 in all workshops.

I beg to thank the Chairman and Members of the Council, and the Officials, for their unremitting assistance during the past year, and to assure them of my appreciation of their support.

JOSEPH BUCK, M.D., D.P.H.,

Medical Officer of Health.

ROTHWELL, NEAR LEEDS,  
February, 1912.

HUNSLET RURAL DISTRICT.  
TABLE I.—Vital Statistics of Whole District during 1911 and Previous Years.

Year	Population estimated to Middle of each Year	Births			Total Deaths Registered in the District		Transferable Deaths		Nett Deaths belonging to the District			
		Un-corrected Number	Nett		Number	Rate*	of Non-residents registered in the District	of Residents not registered in the District	Under 1 year of Age		At all Ages	
			Number	Rate*					Number	Rate per 1,000 Nett Births	Number	Rate*
1	2	3	4	5	6	7	8	9	10	11	12	13
1906	7050	205		29.07	104	14.75		10	30	146.34	114	16.17
1907	7110	194		27.28	107	15.04		8	24	123.71	115	16.17
1908	7172	226		31.51	97	13.52		6	18	79.64	103	14.36
1909	7233	178		24.60	91	12.58		12	14	78.65	103	14.24
1910	7294	204		27.96	82	11.24		12	14	68.60	94	12.88
1911	7812	197	199	25.47	85	10.88		5	26	130	90	11.52

\* Rates in Columns 5, 7, and 13 calculated per 1,000 of estimated population.

Area of District in acres (exclusive of area covered by water), 6332. Total population at all ages, 7786; Number of inhabited houses, —; Average number of persons per house, —; at census of 1911.



**HUNSLET RURAL DISTRICT.**  
**TABLE II.—Cases of Infectious Disease notified during the Year 1911.**

NOTIFIABLE DISEASE	CASES NOTIFIED IN WHOLE DISTRICT							Total Cases notified in each locality			Total Cases removed to Hospital	
	At all Ages	At Ages—Years						Oulton-c-Woodlesford	Temple-newsam and Thorpe Stapleton	Middleton		
		Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65					65 and upwards
Small-pox ..	...	...	...	...	...	...	...	...	...	...	...	...
Cholera...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria, includ. Membranous Croup	4		3	1					3			2
Erysipelas	6			1		1			2			5
Scarlet Fever	7	1	6	1					2	2		
Typhus Fever	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	2				2				1			
Relapsing Fever	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	...	...	...	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...	...	...	...
Under Tuberculosis Regulations, 1908	1				1				1			
Under Tuberculosis Regulations, 1911	...								...			
Others	4	2		1	1				4			
Totals	24	3	9	4	6	1	1	1	13	9	2	7

**NOTES :—**Isolation Hospital :—Rothwell, Methley and Hunslet Joint, Situated at Rothwell, also Hospital (for Small-pox only) Situated in the Urban District of Ardsley (East and West).

Total available beds, 28      Number of diseases that can be concurrently treated, 3.

## HUNSLET RURAL DISTRICT.

TABLE III.—Causes of, and Ages at, Death during Year 1911.

Causes of Death		Nett Deaths at the subjoined ages of "Residents" whether occurring within or without the District								
		All Ages	Under 1 year	1 and under 2	2 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards
1		2	3	4	5	6	7	8	9	10
All Causes	Certified ... Uncertified ...	90	26	4	6	7	6	9	13	19
Enteric Fever	...	1						1		
Small-pox	...									
Measles	...									
Scarlet Fever	...									
Whooping-cough	...	2	1	1						
Diphtheria and Croup	...									
Epidemic Influenza	...	1								1
Erysipelas	...									
Cerebro-Spinal Fever	...									
Dysentery	...	1						1		
Phthisis	...	4					1	2	1	
Tuberculous Meningitis	...	1				1				
Other tuberculous diseases	...	3		1			1		1	
Rheumatic Fever	...									
Cancer, malignant disease	...	4							2	2
Bronchitis	...	7	2						2	3
Broncho-Pneumonia	...	4	2		1					1
Pneumonia	...	4			1	2				1
Other diseases of Respiratory organs	...	2	1		1					
Diarrhoea and Enteritis	...	9	7	1	1					
Appendicitis and Typhlitis	...									
Alcoholism	...									
Cirrhosis of Liver	...									
Puerperal Fever	...									
Accidents and diseases of pregnancy and parturition	...	2						2		
Premature birth	...	6	6							
Violent Deaths, excluding Suicide	...	6	1			1		1	1	2
Suicides	...									
Other defined diseases	...	33	6	1	2	3	4	2	6	9
Diseases ill-defined or unknown	...									
All causes	...	90	26	4	6	7	6	9	13	19

NOTE.—There are no "Institutions" within the District.

# HUNSLET RURAL DISTRICT.

## TABLE IV.—Infantile Mortality during the Year 1911.

Nett Deaths from stated Causes at various Ages, under One Year of Age.

CAUSE OF DEATH				Under 1 Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 Month	1-3 Months	3-6 Months	6-9 Months	9-12 Months	Total Deaths under 1 Year
All Causes	{	Certified ...	...	6	2	1	2	11	3	6	4	2	26
		Uncertified ...	...										
Common Infectious Diseases	{	Small-pox ...	...										
		Chicken-pox ...	...										
		Measles ...	...										
		Scarlet Fever ...	...										
		Diphtheria and Croup											
		Whooping Cough ...	...							1			1
		Diarrhoea, all forms ...	...				1	1		1	1		3
Diarrhoeal Diseases	{	Enteritis							1	1	1	1	4
		(not Tuberculous)											
		Gastritis, Gastro-intestinal Catarrh											
Tuberculous Diseases	{	Tuberculous Meningitis											
		Tuberculous Peritonitis: Tabes Mesenterica											
		Other Tuberculous Diseases											
Wasting Diseases	{	Congenital Defects ...	...	4			1	5					5
		Premature Birth ..	...	1				1					1
		Injury at Birth ...	...										
		Want of Breast-milk ...	...										
		Atrophy, Debility, Marasmus			1			1					1
		Atelectasis ...	...							1			1
		Erysipelas ...	...										
		Syphilis ...	...										
		Rickets ...	...										
		Meningitis (not Tuberculous)								1	1		2
		Convulsions ...	...	1	1			2					2
		Gastritis ...	...						1				1
		Laryngitis ...	...						1				
		Bronchitis ...	...						1		1		2
		Pneumonia ...	...			1		1		1			2
		Suffocation, overlaying										1	1
		Other Causes ...	...										
				6	2	1	2	11	3	6	4	2	26

Nett Births in the Year:—Legitimate, 189; Illegitimate, 10.  
 Nett Deaths in the Year:—Legitimate infants, 23; Illegitimate infants, 3



HUNSLET RURAL DISTRICT.  
TABLE V.—PHTHISIS: Sanatorium and Hospital Accommodation.

Classes for which accommodation is provided	By whom provided	Where situated	Total No. of Beds	How are patients selected?	Are patients under the care of a resident Medical Officer?	What charge, if any, is made for the use of Beds?	Do the Sanitary Authority use— (1) their Isolation Hospital, or (2) their Small-pox Hospital for cases of Phthisis?	Do the Sanitary Authority reserve Beds in any Phthisis Sanatorium: if so, how many, and in what Sanatorium?	Do the Sanitary Authority provide portable open-air Shelters or Tents?
Early cases ..	}	Provision in 1911.	1911.				A small Sanatorium has been built during 1911 for Phthisis cases at the conjoint Isolation Hospital, situated at Rothwell, to accommodate 8 cases, and is to be opened at an early date.	None reserved	No.
Intermediate cases ..									
Advanced cases ..									

Have the Council, or any Private Body, provided a Dispensary. If so, give particulars. NO.



## HUNSLET RURAL DISTRICT.

### TABLE VI.—Annual Report of Medical Officer of Health for 1911.

#### FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES AND HOMEWORK.

##### 1.—INSPECTION.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises	Number of		
	Inspections	Written Notices	Prosecutions
<b>Factories</b> .. .. . (Including Factory Laundries.)	45	2	
<b>Workshops</b> .. .. . (Including Workshop Laundries.)	70		
<b>Workplaces</b> .. .. .			
<b>Homeworkers' Premises</b> .. .. .			
<b>Total</b> .. .. .	115	2	Nil

##### 2.—DEFECTS FOUND.

Particulars	Number of Defects			Number of Prosecutions
	Found	Remedied	Referred to H.M. Inspector	
<i>Nuisances under the Public Health Acts :—</i>				
Want of Cleanliness ... ..	1	1		
Want of Ventilation ... ..				
Overcrowding ... ..				
Want of drainage of floors ... ..				
Other nuisances ... ..				
Sanitary accommodations { insufficient ... .. unsuitable or defective not separate for sexes	1 W.C.			
<i>Offences under the Factory and Workshop Act :—</i>				
Illegal occupation of underground bakehouse (S. 101.) ... ..				
Breach of special sanitary requirements for bakehouses (SS. 97 to 100.) ... ..				
Failure as regards lists of outworkers (S. 107.) ...				
Giving out work to be done in premises which are { unwholesome (S. 108.) ... infected (S. 110.) ...				
Allowing wearing apparel to be made in premises infected by scarlet fever or smallpox (S. 109) ... ..				
Other offences ... ..				
<b>Total</b> ... ..	2	1		

### HUNSLET RURAL DISTRICT.

TABLE VI.—Annual Report of Medical Officer of Health for 1911.

#### FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES AND HOMEWORK.

3.—HOME WORK.										Number of	
<i>Lists of Outworkers (S. 107):—</i>										Lists	Outworker
										Nil	
Lists received ... ..										Nil	
Addresses of outworkers { forwarded to other Authorities ... .. received from other Authorities ... ..										Nil	
<i>Homework in unwholesome or infected premises:—</i>										Wearing Apparel	Other
Notices prohibiting homework in unwholesome premises (S. 108) ... ..										Nil	
Cases of infectious disease notified in homeworkers' premises ... ..											
Orders prohibiting homework in infected premises (S. 110) .. ...											

4.—REGISTERED WORKSHOPS.											
Workshops on the Register (S. 131) at the end of 1911										Number	
Important classes of workshops, such as workshop bakehouses, may be enumerated here.	{	Factories, including		{	1 Laundry ...	}	...	18			
				{	1 Jam Boiling ...						
				{	1 Brewery ...						
				Workshops, including	{	1 Workshop Bakehouse	}		41		
		{	and								
				{	14 Domestic Bakehouses	}		59			
Total number of workshops on Register ...										59	

5.—OTHER MATTERS.											
<i>Matters notified to H.M. Inspectors of Factories:—</i>											
Failure to affix Abstract of the Factory and Workshop Act (S. 133) ...										Nil	
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory and Workshop Act (S. 5)										Notified by H.M. Inspector ...	
										Nil	
{ Reports (of action taken) sent to H.M. Inspectors ... ..											
Other ... ..											
<i>Underground Bakehouses (S. 101):—</i>											
Certificates granted during the year ... ..										Nil	
In use at the end of the year ... ..											

## TABLE C, 1911.

### **HUNSLET RURAL SANITARY DISTRICT.**

#### Water Supply—

In what parts is there a piped supply laid on?—The whole district.

Any developments during 1911?—3-in. mains: 602 yards Oulton-cum-Woodlesford, 92 yards Templenewsam.

Any insufficiency, and where?—None, except 2 or 3 isolated houses.

Any curtailment during drought?—No.

Any unsatisfactory quality, and where?—No.

Any unchecked plumbo solvent action?—Middleton supply under investigation.

#### Drainage and Sewerage—

What parts have sewers and outfall works?—Middleton, parts of, and Belle Isle, 135 houses in all; Oulton-cum-Woodlesford, Outfall at Lemonroyd, Oulton; Templenewsam, Halton, and greater part of Whitkirk, to Outfall at Halton Hill.

Any developments during 1911?—Oulton-cum-Woodlesford, 235 yards new sewers, Templenewsam, 19 yards, and Middleton, 427 yards to new Outfall works at Belle Isle.

Developments still needed?—None at present.

Any inadequacy of Sewage Disposal Works or complaints as to smells?—No.

No. of sink-wastes disconnected during 1911?—3. Trapped, 37.

Proportion of sink-wastes still needing disconnection?—Nil. Untrapped, 1.

#### Closet Accommodation—

No. of Privies with open middens—38. No. of Pail or Tub Closets—12.

No. of Privies with covered middens—599. No. of Water Closets—742. Waste-water Closets—1.

No. of Closets re-constructed during 1911—(a) as W.C.'s—11. (b) other—5.

No. of additional Closets newly constructed for old property in 1911—(a) W.C.'s—1. (b) other—1.

No. of Closets constructed in 1911 for new houses—(a) W.C.'s—29. (b) other—Nil.

#### Scavenging—

In what parts do the Council undertake public scavenging—(a) By Sanitary Staff—Oulton-cum-Woodlesford, Templenewsam, and Thorpe Stapleton. (b) By Contractors—Middleton.

Is there any inadequacy, and where?—No.



## Nuisance Inspection—

Total No. of Inspections made in 1911—2,315.

Informal Notices served—85. Complied with—67.

Statutory Notices served—37. Complied with—27.

Total No. of Nuisances in hand at close of 1910—48. At close of 1911—41.

Total No. of Nuisances reported during 1911—114. Abated during 1911—121.

Total Number of Summonses or other legal proceedings—1.

Regulated Buildings, Trades, &c.	No. in District	No. on Register	Total No. of Inspect'ns made	General Condition ?	Legal Proceedings (if any)
Common Lodging Houses ..	Nil				
Canal Boats .. .. .	Nil	Nil	33	Generally satisfactory (This District is not a Registration Authority).	
Knackers Yard .. ..	Nil				
Offensive Trades .. .. (Please specify nature)	Nil				

Have the Council declared any other processes to be offensive trades, *i.e.*, Fish-frying, Maggot-breeding, etc.?—No.

## Schools—

No. of Visits to Schools—22 inspections.

Action taken—None necessary.

## Milk Supply—

No. of samples taken by Officers of S.A. for analysis under F. & D. Acts—19. No. adulterated—2 samples of Milk not quite satisfactory.

No. of samples taken by Officers of S.A. for bacteriological examination—Nil.

What arrangement for Veterinary Inspection of dairy cows—Veterinary Surgeon to be called in by M.O.H. at his discretion.

Any instance of disease attributed to milk in 1911—No.

No. of Cowkeepers in district—38. No. Registered—38.

No. of Milk Sellers—3. No. Registered—3.

Total No. of Cowsheds—39. No. of Inspections in 1911—158.

General Condition—Structure good, some want of cleanliness.

Approx. No. of Milch Cows in district—726. Any insufficiency in Milk Supply—No.

Legal proceedings under D.C.M. Orders—None.

Any Inspection or other action by districts to which Milk is sent—None.



## Other Foods—

- No. of samples (other than Milk) taken by Officer of S.A. for examination under the Food and Drugs Acts—None.  
 No. of seizures of unsound food—None.  
 No. of Slaughter-houses—9. No. Registered—9. Kind and Condition—Fairly satisfactory.  
 No. of Prosecutions (a) Food and Drugs—None. (b) Unsound Food—None. (c) *re* Slaughter-houses—None.

## Housing—

- Is there any scarcity of houses, and where?—At Oulton-cum-Woodlesford.  
 Any overcrowding of persons in houses?—2. No. of cases dealt with—1.  
 Any special activity in house building, and where?—At Oulton-cum-Woodlesford.  
 No. of new houses built in 1911—29. General character—Through terrace, and semi-detached.  
 Are there any working class dwellings erected by the S.A.?—No.  
 Any Town Planning Scheme contemplated?—Yes.  
 Who has been designated as the Inspecting Officer under Article II. of the Housing Regulations, 1910?—The Medical Officer of Health and Sanitary Inspector.  
 No. of houses inspected during 1911,—(a) Statutory (house-to-house)—70; (b) Other house-inspections—122; Total—192.  
 No. of Notices served as a result of House inspections—67. Legal proceedings—None.  
 Are the records regularly submitted to the S.A. at each ordinary meeting?—Yes.  
 No. of houses represented as unfit for habitation—4 houses from 1910.  
 No. dealt with by Closing Order—4. Any compulsory demolition—No.  
 Are there still any occupied houses unfit for habitation, and where?—No.  
 Any cellar dwellings?—No.

## Factories and Workshops—

- Any Smoke nuisance, and where?—From mining engines.  
 No. of Smoke observations taken—11. Legal Notices—None.

## Adoptive Acts—

- Public Health Acts Amendment Act, 1890—Part III., adopted 1899.  
 Public Health Acts Amendment Act, 1907—Secs. 15 to 18, 20 to 25, 27 to 35, 38 to 46, 49, 51 to 59, 61, 62, 64 to 67, 95; adopted 1909.  
 Infectious Disease Prevention Act, 1890—The whole; adopted 1899.

Notification of Births Act, 1907—Not adopted.

Private Street Works Act, 1892—At various times when required.

What Urban Powers are in force, and where?—All the powers needed in the whole district.

#### Byelaws and Regulations—

Private Scavenging—None.

Prevention of Nuisances—None.

Common Lodging Houses—Date, 1882.

Houses let in Lodgings—None.

Offensive Trades—None.

Mortuaries—None.

New Streets and Buildings (P.H. Act, 1875)—Date, 1906.

New Streets and Buildings (P.H. Amendment Act, 1890)—Date, 1906.

Slaughter-houses—Date, 1906.

Tents and Vans—None.

Cemeteries—None.

Markets and Fairs—None.

Baths and Washhouses—None.

Pleasure Grounds—None.

Fried Fish Shops—None.

Regulations under Dairies, Cowsheds, and Milkshops Order—Date, 1887.

Does the M.O.H. possess a printed copy of each of the Byelaws which are operative?—Yes.

Are any other Byelaws needed?—Not at present.

#### Infectious and other Diseases—

What diseases have been specially prevalent in 1911?—Mumps and Whooping Cough.

What special action to combat same?—Leaflets and exclusion from Schools.

Is Hospital accommodation adequate and sufficient?—Yes.

What arrangements for the supply of antitoxin?—Supplied gratis through M.O.H.

Any diseases specially added to notifiable list?—No.

Any influences threatening the health of the district?—No.

#### Special Reports and Investigations—None.

#### Tuberculosis—

Any Sanitary Inspection of Patients' Houses?—Yes. Any disinfection?—Yes.

Any distribution of advice?—Yes. Other benefits—Erection of Conjoint Sanatorium.

Any action *re* spitting?—No. Any disinfection of Public Rooms, Vehicles, etc?—Yes.

### Infant Mortality—

What organised effort to control it?—None required.

Is Health Visitor appointed by S.A.?—No. By other body?  
—No.

Causes of any Excessive Infant Mortality in 1911—No excess,  
except that due to climatic influence.

### Vital Statistics—

Births during 1911—Males, 99 ; Females, 100 ; Total, 199.

No. illegitimate included in above—10. No. of Still Births  
(not included)—Not known.

Death during 1911—(1) Gross Deaths, *i.e.*, Total actually  
registered in the District without any correction—85.

(2) Nett Deaths on which the rates are calculated—Males,  
49 ; Females, 41 ; Total, 90.

No. of uncertified deaths (included above)—Nil.

### Miscellaneous—

What Mortuary accommodation—(a) for accidents—None ;  
(b) for infectious cases—None.

No. of Burial Grounds—3. Any need for extension?—No.

Are there any Maggot-breeding establishments in the District?  
—No.

### Sanitary Staff—

What is the present Annual Salary of the M.O.H.?—£90.

Does the above include any recent increase in respect of added  
work?—No.

Name of Sanitary Inspector—Wm. Whitehead.

Annual Salary as Inspector—£105.

Other appointments held—Canal Boats Inspector, Food and  
Drugs Inspector.

Salary for such other appointments—Canal Boats, £5.

Any Assistants—One.

Is Staff sufficient?—Yes.

Supplementary Remarks as to Sanitary requirements of District,  
suggestions of M.O.H., and extended notes from any of  
the foregoing entries :—

(1)—Provision of some shelter for inhabitants of infected houses  
during disinfection.

(2)—The abolition of privy middens, and substitution of water-  
closets.

(3)—The substitution of public abattoir for private slaughter-  
houses.

(4)—The treatment of refuse by destructor in lieu of “ tips,”  
which are becoming a nuisance.

(5)—More activity under Food and Drugs Act.



# Report of Inspector of Nuisances

## *For the Year 1911.*

*To the Chairman and Members of the  
Hunslet Rural District Council.*

Gentlemen,

I beg to submit the following Report for the above year :—

No. of Letters written and Notices served .. .. .	542
„ Inspections .. .. .	2,315
„ Appointments kept .. .. .	64
„ Sewer and Drain cleansings .. .. .	521
„ Stopped Drains cleared .. .. .	17
„ „ Water-closet drains cleared .. .. .	6
„ „ House drains cleared .. .. .	7
„ House drains disconnected .. .. .	3
„ House drains trapped .. .. .	37
„ Defective house drains relaid .. .. .	45
„ other drain repairs .. .. .	15
„ Defective Roofs .. .. .	3
„ „ Eaves spouts .. .. .	10
„ „ Privy alterations .. .. .	5
„ Closets re-constructed as Water closets .. .. .	11
„ Closets re-constructed as other than W.C.'s .. .. .	5
„ Additional Closets to old property as W.C.'s .. .. .	1
„ Additional Closets to old property as other .. .. .	1
„ Defective Water Supplies remedied .. .. .	13
„ other miscellaneous nuisances .. .. .	27

### SCAVENGING.

	Cleansed	Loads	To Tips	To Land	To Sewers
Middleton .. .. .	346	No records of loads or disposals kept.			
Oulton-with-Woodlesford .. .. .	7030	2144	1506	519	119
Templenewsam .. .. .	12212	1716	1031	685	—
Total .. .. .	19588	3860	2537	1204	119

**HOUSES IN DISTRICT OCCUPIED OR HABITABLE.**

	Through	Not Through	Back to Back	Total
No. in Middleton .. ..	70	137	56	263
„ Oulton .. ..	166	82	32	280
„ Woodlesford .. ..	277	86	68	438
„ Templenewsam .. ..	—	—	—	754
				1735

**CLOSET CONVENIENCES IN DISTRICT.**

	Water Closets	Earth Closets	Privies	Covered Ashpits	Open Ashpits	Sunk Ashpits	Bins
Middleton .. ..	14	4	138	75	21	—	—
Oulton .. ..	74	2	153	106	3	—	20
Woodlesford .. ..	172	1	123	178	1	16	29
Templenewsam .. ..	482	9	234	188	—	—	199
Total ..	742	16	648	547	25	16	248

Woodlesford—1 Waste-Water Closet.

Oulton and Woodlesford School conveniences are Latrines and Water closets. Latrines with automatic flushing apparatus.

Halton, Latrines with automatic flushing apparatus.

Colton, Privies and Earth Closets.

Middleton, Ashespit Privies.

**INFECTIOUS DISEASES.**

Fourteen houses or parts thereof have been disinfected—6 after Scarlet Fever, 4 after Phthisis, 1 after Typhoid, 2 after Diphtheria, 1 after Chicken Pox, on request of occupier and by consent of M.O.H. In one case of fatal Phthisis disinfection was declined.

**COWSHEDS.**

There are 38 cowkeepers in the district, occupying 39 farms, on which are 54 sheds in which cattle are housed. On the whole there is some improvement in condition of cowsheds, also in grooming of cows and cleanliness in milking, but the improvement is somewhat erratic. There seems a lack of persistence in well doing of which I cannot assign the cause.

The number of milch cows in the district varies somewhat, but the average number may be taken at or about 726, distributed as follows :—Middleton 232, Oulton-with-Woodlesford 39, Temple-newsam 455.

Eighteen producers vend milk in the district, with 3 resident purveyors, 2 of whom get part of the milk they vend inside the district, and part from without. In addition to resident purveyors, there are 7 non-resident milk vendors in the district, 3 of whom are producers.

### **SLAUGHTER-HOUSES.**

There are 9 Slaughter-houses in the district—1 in Middleton, 4 in Woodlesford, 3 in Halton, 1 in Whitkirk. The Middleton and Whitkirk Slaughter-houses, with one in Halton, are drained into cesspools ; all the others drain to sewers. They are fairly and cleanly conducted, and may be considered satisfactory on that head. With respect to structure and situation, they are not up to modern requirements. Two in Halton and the one in Whitkirk are only used intermittently. Six of the occupiers kill their own meat and retail same. In addition to these there are 5 retail shops, the meat sold therein is killed outside district and brought in in part carcasses. Also there are butchers in adjoining districts who bring meat in for sale in conveyances, and sell therefrom. Meat sold in the district is, I believe, of good quality, and suitable for human food.

In examination of Fish Hawkers' Carts, I notice whilst the fish seems of fair quality, firm to touch, of good colour, and fair smell, and scales not easily detachable, the boxes in which it is carried often stink. This Fish Hawking trade is more frequently than otherwise combined with that of Fruiterer and Greengrocery business, a combination that does not tend to the desirable cleanliness in dealing either with fruit or fish.

### **OFFENSIVE TRADES.**

None.

There are 4 Fried Fish Shops in the district, on the whole properly conducted. Fish fried is of good quality.

### **FOOD AND DRUGS ACTS.**

Nineteen samples of New Milk have been taken during the year—17 were certified by analyst genuine milk, 1 sample deprived of a portion of its natural fat by skimming or otherwise, and 1, though certified genuine milk, was slightly below the limit of solids not fat, and of very poor quality.



**CANAL BOATS.**

I have, during the year, visited Canal 61 times. Of the number of boats that have come under notice, only 27 were occupied boats carrying cargo for hire, 10 of which were contravening Canal Boats Acts, with 16 infringements, 9 of which have been remedied.

**NEW BUILDINGS.**

Twenty nine new houses and 1 public building have been completed during the year ; 25 of the houses are through terrace houses, and 4 are semi-detached through houses. Twenty-nine water-closets are provided for the houses, and 3 for the public building.

I am, Gentlemen,

Your obedient servant,

**WILLIAM WHITEHEAD;**

February, 1912.

